

Date: Tue, 24 May 94 04:30:25 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #157
To: Ham-Equip

Ham-Equip Digest Tue, 24 May 94 Volume 94 : Issue 157

Today's Topics:

 6-meter Mobile (and the new TS60)
 Advice sought: 10m rig & car don't get along
 Alinco Repair Service
 Any opinions on Yaesu FT290 VHF allmode?
 AZDEN Current address or phone #???
 HELP! Need a model number for this radio - radio.jpg [1/2]
 Info needed about digital voice scrambler (2 msgs)
 Need Drake TR-22 manual, crystals, etc.
 Need old Heath HW-6502 HT
 Radio Shack 6m Rig???

Ten-Tec 1208 (6M) transverter kits - still 10 days away (2 msgs)
 TM-732A: Interesting Behavior

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 May 1994 01:10:27 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
blackhole.delmarva.com!blackhole.delmarva.com!news@network.ucsd.edu
Subject: 6-meter Mobile (and the new TS60)
To: ham-equip@ucsd.edu

In article moo@hp-col.col.hp.com, bobw@col.hp.com (Bob Witte) writes:
> John K Scoggin Jr (scoggin@delmarva.com) wrote:
>
> : Is 6-meter mobile DX a practical concept? I have been seeing/hearing of
> : sporadic band openings and was curious.

>
> Let's see... define "practical". I've run 6 meters mobile and have
> enjoyed it immensely. The thing you've got to understand about 6M operation
> is that its generally long periods of boredom punctuated by short
> periods of excitement. The band openings are fun, somewhat infrequent,
> and difficult to predict.
>
> Bob Witte / bobw@col.hp.com / Hewlett Packard PMO / KB0CY / (719) 590-3230

Good point. "Practical" meaning I might be able to work a little DX for a while
at least once or twice a week in the evenings... I would hate to part with
\$1K and get no more entertainment than I could with a 2m mobile!

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+-----+
| John K. Scoggin, Jr.      Email: scoggin@delmarva.com |
| Supervisor, Network Operations      scoggin@ee.udel.edu |
| Delmarva Power & Light Company      Phone: (302) 451-5200 |
| 500 N. Wakefield Drive      NOC: (800) 388-7076 |
| Newark, DE 19714-6066      Fax: (302) 451-5321 |
|                               Ham: N3??? (real soon now!) |
| The opinions expressed are not those of Delmarva Power, simply the |
| product of an over-active imagination... |
| Just a pothole-patcher on the Information Superhighway. |
+-----+
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Date: Mon, 23 May 1994 10:05:09
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!
zombie.ncsc.mil!golf!mizzou1.missouri.edu!phybs@network.ucsd.edu
Subject: Advice sought: 10m rig & car don't get along
To: ham-equip@ucsd.edu

In article <1994May20.180454.9646@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary
Coffman) writes:

>Were any of those 3 other antennas thru-hole mounted?

No, they were mag mounts.

>If not, you've just found the root of your trouble. When I tried a
>glass mounted dummy load on my Camaro, its instruments went nuts too.
>A magmount caused less trouble, and even radiated a fair signal, but
>it took *drilling the hole* and mounting a real antenna to solve the
>problem of RF in the cabin.

I have received advice suggesting a few less invasive fixes. After I try them and they don't work I will be taking a drill to my virgin car. I hope that works. Thanks all for the input.

Date: Mon, 23 May 1994 21:49:58 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!csn!yuma!yuma.acns.colostate.edu!
hemstree@network.ucsd.edu
Subject: Alinco Repair Service
To: ham-equip@ucsd.edu

Doug,

I wish you good luck. The 2m side of my radio went out and I got nothing but the run-around from Alinco. They would repair the radio but I remember their prices being very high and an extremely slow turnaround. I went with a local person here in Colorado after their lack of interest in my trouble. That was about one year ago.

If it is any help, my tech found that my radio was running extremely hot, putting out about 7-8 watts on high power. One problem was with the bnc connector. The wire connecting in the chassis to the bnc had become frayed and disconnected. He ended up replacing one of my final's, reconnected and soldered the bnc wire and brought it back within 5 watts on high power. The radio works very well now and no longer burns my hand on long QSO's.

I paid about \$70 and had two weeks turn-around. I hope your experience with Alinco is much better.

Good luck,
Charles

In article <2reu2fINNtnm@ilx018.iil.intel.com> dbraun@ilx049.iil.intel.com (Doug Braun) writes:

The 2M transmit section on my DJ-580 died, and I guess I need to send it to Alinco (when I visit the USA next month). Does anyone have any experience dealing with them? Do you have any advice, warnings, etc.?

Thanks,

Doug Braun (4X/N10WU)

Email: dbraun@inside.intel.com

Intel Mail: IDC1-41
iNet: 8-435-5069 Long Distance: 011-972-4-655069
Fax: 8-435-5999 Long Distance: 011-972-4-655999
Snail Mail: US: Other:
PO Box 311 Intel Israel, Ltd.
Mendham, NJ 07945 IDC-42
Matam Scientific Center
Haifa, Israel 31015

From a CD-ROM advertisement:

"This Disc contains Hacking, Phreaking, Tone Box Information, Anarchy,
Subculture, Magic, Internet & Computer Security Secrets, Bomb Plans,
FBI & Police Net Files, Virus Code, Sick & Twisted Graphics, UFO,
Occult, even HAM RADIO Files, plus much, much more!"
^^^ ^^^^^

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!=====!
! Charles H. Hemstreet IV !internet: hemstreet@handel.cs.Colostate.Edu !
! Colorado State University ! Professional College Student !
!=====!

Date: 23 May 94 22:32:48 GMT
From: lhdsy1!nntpserver.chevron.com!cgwh.sr.chevron.com!cgwh@uunet.uu.net
Subject: Any opinions on Yaesu FT290 VHF allmode?
To: ham-equip@ucsd.edu

In article <1994May11.105809.57@drager.com> landisj@drager.com (Joe Landis -
System & Network Mgr) writes:

>From: landisj@drager.com (Joe Landis - System & Network Mgr)

>Subject: Any opinions on Yaesu FT290 VHF allmode?

>Date: 11 May 94 14:58:09 GMT

>I'm thinking about a portable all-mode 2M rig for mountaintopping and VHF
>contesting. It would be nice to have for mobile and the sats too. Does anyone
>have any opinions on the Yaesu FT290 mkII? Is there anything else available
>that would work here? I had heard there were some front end problems with
>these in the past. Is this (still) the case?

>Any opinions would be appreciated.

>Thanks,

>Joe

>--

>Joe Landis - System & Network Mgr. - North American Drager Co.
>landisj@drager.com | uupsi5!main03!landisj | AA3GN @ WB3JOE

I have an FT290mkII and find it to be an adequate radio. I seldom use the SSB mode unless I take it somewhere. I use it for packet at home. Yaesu offers only a dipswitch PL system that can be hard to use and with only 9 memories it has limited flexibility. It's a great transportable radio. The 25W amplifier (that comes with it) would be adequate for mountain topping but it needs 5 to 7 amps from a power supply or battery. It has two VFOs that let you tx/rx split and has 25Hz tuning resolution in SSB (although the display resolution is 100Hz).

It would be a good mountain top radio. The accessories you can get can make it great radio for a campsite or for emergency use.

I wouldn't buy a new one. There not worth the big dollars. I see them on the used market quite often in the \$300 range. I'm curious...what do they cost new these days?

Curtis Wheeler KD6ELA
Chevron Information Technology Company
cgwh@chevron.com

Date: Mon, 23 May 1994 09:38:54 EDT
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!lll-winken.llnl.gov!noc.near.net!
saturn.caps.maine.edu!maine.maine.edu!asusee@network.ucsd.edu
Subject: AZDEN Current address or phone #???
To: ham-equip@ucsd.edu

I have an AZDEN 3000 2m rig that I was wondering about getting some spare parts for. Anybody got the current address or phone number?? Thanx in advance.

Alan
N1QWT

Date: Mon, 23 May 1994 19:52:15 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
mzenier@network.ucsd.edu
Subject: HELP! Need a model number for this radio - radio.jpg [1/2]
To: ham-equip@ucsd.edu

Ron Harshbarger (emi.3m.com::us240099) wrote:
: --*-*-* Next Section -*-*-*

: Content-Type: text/plain

: I am trying to repair this GE radio circa 1965... The model number
: tag is missing... can anyone help identify with enough info to do
: a SAM'S search... Thanks

: Content-Type: Image/JPEG

: Content-Transfer-Encoding: X-uuue

What a fucking waste of bandwidth. Next time , don't post an image, use a little more descriptive text. And email the image to those intererested enough to reply. Or find an FTP dump somewhere to stick the file. A lot of us use off line newsreaders and get more than a little pissed off to find we downloaded just a bunch of binary data.

For those of you who weren't curious enough to find all the utilities to deal with this crap, it's a front and inside view of a AM/FM transistor portable. At too low a resolution to read anything. I'd put it at about 1967. For that vintage GE radio, judging from a similar AM band one I've got, the model number is on a nondescript little sticker on the inside of the back cover.

There were a one or more annual series of service books for transistor radios of that vintage. I think Rider still published then, and possibly Sams. And at least one other publisher.

Mark Zenier mzenier@netcom.com mzenier@eskimo.com

Date: 23 May 1994 10:50:05 -0400

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!news.sprintlink.net!
rtp.vnet.net!char2.vnet.net!not-for-mail@network.ucsd.edu

Subject: Info needed about digital voice scrambler

To: ham-equip@ucsd.edu

You aren't SUPPOSED to scramble on ham frequencies.

Date: 24 May 94 00:34:14 GMT

From: agate!howland.reston.ans.net!spool.mu.edu!uwm.edu!mixcom.com!
kevin.jessup@uchvax.berkeley.edu

Subject: Info needed about digital voice scrambler

To: ham-equip@ucsd.edu

In <2rqfqt\$h66@char2.vnet.net> exe02594@char2.vnet.net (exe02594) writes:

>You aren't SUPPOSED to scramble on ham frequencies.

I don't think the original post was by a ham.

Anyway, once you go digital, there are all sorts of ways to scramble. It was not clear to me exactly what the poster wanted. Books on how to do a simple DtoA and AtoD conversion? Books on introductory cryptography?? How to apply a digital bit-stream to an NFM modulator? What do you want??

As I understand Part 97, it is illegal to encrypt on the amateur bands if the intent is to hide or obscure the content of the information. What if one's intent is just to "study" cryptography as applied to RF communication? ;-))

--

/`- _	kevin.jessup@mixcom.com		Vote Libertarian!
{	}		
\	/		
__*	N9SQB, ARRL, Amateur Radio		Call 1-800-682-1776
	N9SQB @ WA9POV.#MKE.WI.USA.NA		for more information.

Date: Mon, 23 May 1994 22:13:16 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!ellfav@network.ucsd.edu
Subject: Need Drake TR-22 manual, crystals, etc.
To: ham-equip@ucsd.edu

I picked up an old Drake TR-22 at a swap fest and need a copy of the schematics or possibly a complete manual. Also would like to find some crystals for 146.520, 145.600, and 144.71T - 145.31R.

It's missing the 'zip up' case and microphone also. Please email me with description of what you've got and what you're asking.

If anyone has phone numbers for JAN or International Crystals, I'd appreciate it if you could post them.

Randy Reames
WA0TKO
rreames@nyx.cs.du.edu (or)
ranrea@multum.com (or)
ellfav@teal.csn.org

Date: 24 May 1994 03:40:54 -0400

From: ihnp4.ucsd.edu!swrinde!emory!gatech!usenet.ufl.edu!mailer.acns.fsu.edu!
freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!not-for-mail@network.ucsd.edu
Subject: Need old Heath HW-6502 HT
To: ham-equip@ucsd.edu

Date: 23 May 1994 15:01:52 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!news1.oakland.edu!
vela.acs.oakland.edu!prvalko@network.ucsd.edu
Subject: Radio Shack 6m Rig???
To: ham-equip@ucsd.edu

Michael Shrake (mshrake@pinn.net) wrote:
: I have heard rumors that radio shack is about to release a 6m rig.

Man I HOPE so!

They will sell a boatload of them if they simply take the old 10M rig
they used to sell and convert them to six. With Kenwood selling that
TS-60 for almost a kilobuck... Tandy could stomp them by pricing the new
rig at even a THIRD of Kenwood's.

Maybe someone in Fort Worth will get a clue and also come out with a two
meter and 432 all mode unit in that same box!

73 =paul= wb8zjl

Date: Mon, 23 May 1994 20:05:11 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
dgf@network.ucsd.edu
Subject: Ten-Tec 1208 (6M) transverter kits - still 10 days away
To: ham-equip@ucsd.edu

A quick phone call to Ten-Tec in search of the 1208 transverter I ordered
reveals shipment is still 10 days away. The person said "something more
definate in a day or two". Could we shift the E Season into September? 73!

Date: 23 May 1994 17:39:45 -0700
From: nnnp.crl.com!crl2.crl.com!not-for-mail@decwrl.dec.com
Subject: Ten-Tec 1208 (6M) transverter kits - still 10 days away
To: ham-equip@ucsd.edu

David Feldman (dgm@netcom.com) wrote:

: A quick phone call to Ten-Tec in search of the 1208 transverter I ordered
: reveals shipment is still 10 days away. The person said "something more
: definite in a day or two". Could we shift the E Season into September? 73!

David,

I sure wouldn't want to make you feel bad, but I just worked a bunch
of 8's, 9's and 0's on the way home today (mobile 6m) using a 1/4 wave
whip :-). Lots of midwest guys were working a XE2 station on 50.125.

See you on six.

Smitty, NA5K/m

--

Henry Smith (hbs@crl.com)

Date: 23 May 1994 15:04:23 GMT

From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
news1.oakland.edu!vela.acs.oakland.edu!prvalko@network.ucsd.edu

Subject: TM-732A: Interesting Behavior

To: ham-equip@ucsd.edu

Yup... that's the "demo" mode of the 732a. I'm surprised you never
heard of it! Kenwood even had them doing it at Dayton last year.

73 paul wb8zjl

Date: 23 May 94 22:13:55 GMT

From: lhdsy1!nntpserver.chevron.com!cgwh.sr.chevron.com!cgwh@uunet.uu.net

To: ham-equip@ucsd.edu

References <2qp6r0\$joh@news.nd.edu>, <phb.768831409@melpar>,
<Cq4u6r.Iz7@sbg.oau.org>U.net

Subject : Re: Newbie WARNING to fellow Newbies

In article <Cq4u6r.Iz7@sbg.oau.org> steven@sbg.oau.org (Steven Bradley) writes:

>From: steven@sbg.oau.org (Steven Bradley)

>Subject: Re: Newbie WARNING to fellow Newbies

>Date: 21 May 94 03:11:14 GMT

>Paul H. Bock (phb@syseng1.melpar.esys.com) wrote:

>: rnimtz@moe.helios.nd.edu (richard nimtz) writes:

>: >What are the legalities of using a headset/earphone while mobile? I searched
>: >the Indiana Code index the other day and didn't find anything related to it.

>: Can't speak for Indiana, but in Virginia wearing any type of headset
>: while driving is against the law; I think the fine is in the \$75 range.
>: Several urban counties enacted this legislation a number of years ago before
>: the state did, but now it's a statewide law.

>It seems I thought Florida had such a rule on the books as well, except I
>noticed the other day the guys who drive the county fire trucks always are
>wearing headsets, presumably for information/directions, etc.

>I guess the question might be are emergency vehicles/drivers exempt when
>in an emergency vehicle from this rule (if it exists, I just thought it
>did, for some reason).

The California vehicle code prohibits covering or inserting plugs in both ears
with certain exemptions. Ham radio is NOT one of the exemptions. Covering or
plugging ONE ear is not prohibited so go for it if you ever visit the Golden
State. As for the above comment regarding fire trucks...emergency vehicles
are explicitly exempted from the ear covering rules in California.

Curtis Wheeler KD6ELA
Chevron Information Technology Company
cgwh@chevron.com

End of Ham-Equip Digest V94 #157
